

FIG. 1

100123456789

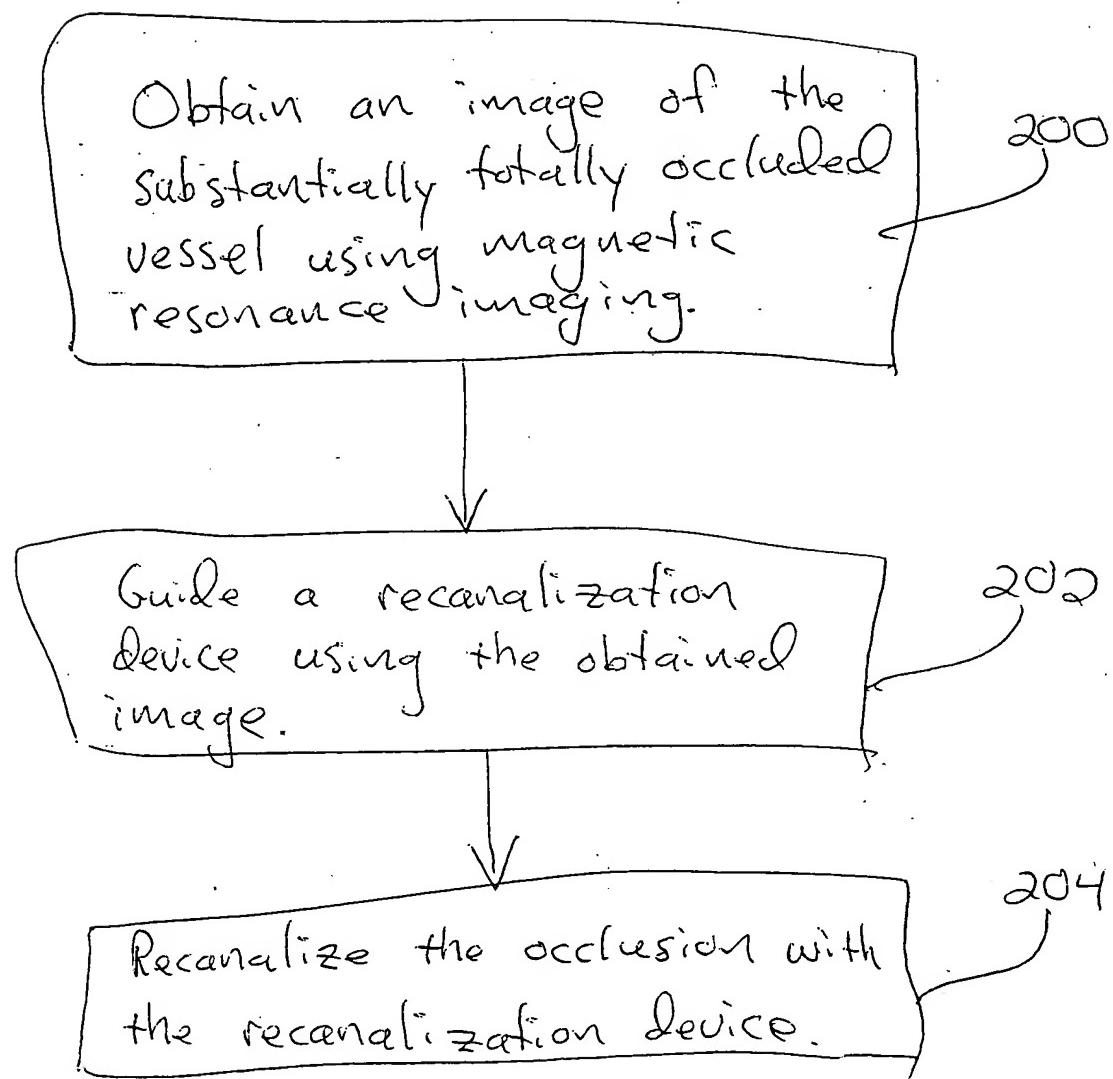


FIG. 2

3001.72.3 - 12.40.1

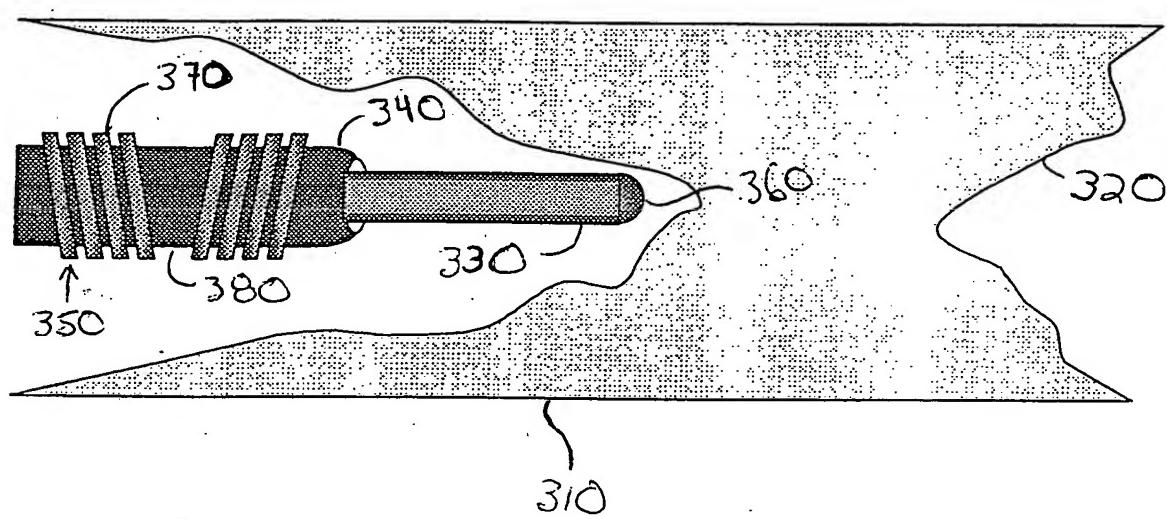


FIG. 3

400

Receive a magnetic resonance signal with a receiver located external to the body of the subject.

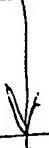


402

Generate a map image of the occluded vessel using the signal received by the external receiver.

404

Receive a magnetic resonance signal with an internal antenna positioned within the body of the subject, proximate to the occluded vessel.



406

Locally enhance the map image of the occluded vessel using the signal received by the internal antenna.

FIG. 4

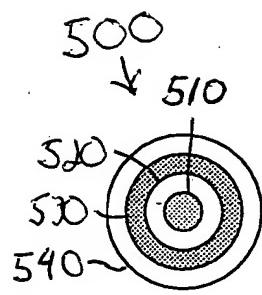


FIG. 5a

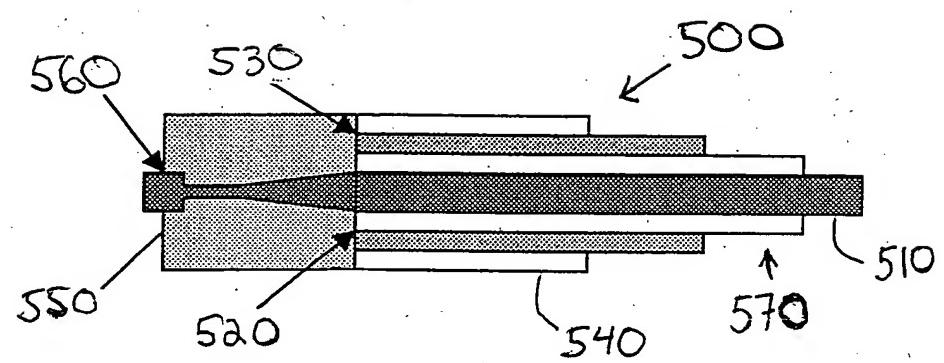


FIG. 5b

10017243 - 121404

00122400

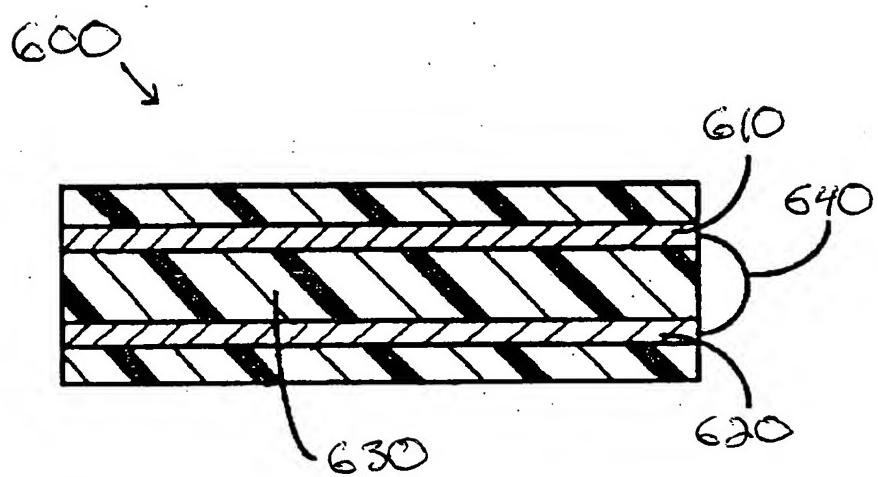


FIG. 6

700  
702  
704  
706

Receive a magnetic resonance signal with a receiver located external to the body of the subject.

Generate a map image of the occluded vessel using the signal received by the external receiver.

Receive a magnetic resonance signal with an internal antenna positioned within the body of the subject, proximate to the occluded vessel.

Generate a local image of the occluded vessel using the signal received by the ~~external receiver~~ internal antenna.

FIG. 7